

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 11-16 and 22-29 without prejudice or disclaimer and ADD claim 30 in accordance with the following:

1. (PREVIOUSLY PRESENTED) An optical disc, comprising:
a clamping area;
a lead-in area;
a data area; and
a burst cutting area (BCA) between the clamping area and the lead-in area and in which information regarding the optical disc is recorded, wherein the information is read before performing tracking in the data area,
wherein the information regarding the optical disc comprises tracking polarity information.
2. (PREVIOUSLY PRESENTED) The optical disc as recited in claim 1, wherein the information regarding the optical disc further comprises reflectivity information.
3. (ORIGINAL) The optical disc as recited in claim 2, wherein the tracking polarity information and the reflectivity information are recorded with a pattern of crystalline or non-crystalline marks.
4. (ORIGINAL) The optical disc as recited in claim 2, wherein the recording of the tracking polarity information begins at leading bytes in the BCA.
5. (ORIGINAL) The optical disc as recited in claim 4, wherein the tracking polarity information is repeatedly recorded.
6. (PREVIOUSLY PRESENTED) The optical disc as recited in claim 4, wherein a first two bits of the leading bytes of the tracking polarity information comprise identifiers of the

respective tracking polarity information that is repeatedly recorded several times, and six other bits comprise remaining information of the tracking polarity information.

7. (PREVIOUSLY PRESENTED) The optical disc as recited in claim 6, wherein one of the six other bits comprise flag information that indicates whether other information is recorded in the BCA.

8. (PREVIOUSLY PRESENTED) The optical disc as recited in claim 7, further comprising a recording layer, wherein the other five bits of the six bits comprise the tracking polarity information that indicates a polarity of a tracking signal related to the recording layer of the optical disc.

9. (PREVIOUSLY PRESENTED) The optical disc as recited in claim 1, further comprising a recording layer, wherein the clamping area, the lead-in area, and the data area are formed in the recording layer of the optical disc.

10. (PREVIOUSLY PRESENTED) The optical disc as recited in claim 6, wherein the first two bits comprise first two bits *b1b0* of the tracking polarity information which are identifiers of information that is repeatedly recorded, where if the first two bits *b1b0* are 00, the information indicates that first tracking polarity information is recorded in the BCA, if the first two bits *b1b0* are 01, the information indicates that second tracking polarity information is recorded in the BCA, if the first two bits *b1b0* are 10, the information indicates that third tracking polarity information is recorded in the BCA, or if the first two bits *b1b0* are 11, the information indicates that fourth tracking polarity information is recorded in the BCA.

11-16 and 22-29. (CANCELLED)

30. (NEW) An apparatus for processing data recorded in an information storage medium comprising a burst cutting area between a clamping area and a lead-in area, the apparatus comprising:

an optical pickup arranged to emit a light to the information storage medium to transfer data with respect to the information storage medium; and

a controller arranged to control the optical pickup to reproduce information regarding the information storage medium from the burst cutting area,

wherein the information regarding the information storage medium comprises tracking polarity information.